

03500,015237.1

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
	:	Examiner: J. Stephens
MIKIYA UMEYAMA ET AL.)	
	:	Group Art Unit: 2853
Application No.: Divisional of)	
Application No. 09/818,561	:	
)	
Filed: July 30, 2003	:	
(Concurrently Herewith))	
	:	
For: LIQUID DISCHARGE RECORDING)	
HEAD, LIQUID DISCHARGE	:	
RECORDING APPARATUS, AND)	
METHOD FOR MANUFACTURING	:	
LIQUID DISCHARGE HEAD)	July 30, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the attached Forms PTO-1449.

Each of the listed documents was cited in parent Application No. 09/818,561. For the concise explanation of relevance of the foreign language documents, the Examiner is directed to the Information Disclosure Statement dated December 5, 2001 in the parent application, in which such explanation is provided. In accordance with 37 C.F.R. § 1.98(d), copies of the listed documents are not being provided herewith.

FORMAL MATTERS

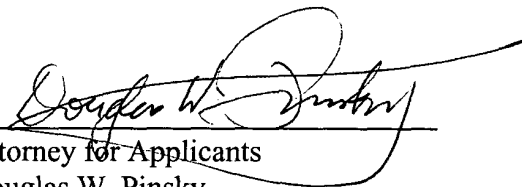
In accordance with 37 C.F.R. § 1.97(b), since this Information Disclosure Statement is being filed concurrently with the subject application, neither a statement under 37 C.F.R. § 1.97(e) nor payment of a fee is believed to be required for consideration of this Information Disclosure Statement.

CONCLUSION

Applicants request that the above information be considered by the Examiner and that an initialed copy of each of the enclosed Forms PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,


Attorney for Applicants
Douglas W. Pinsky
Registration No. 46,994

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200
DWP/tmc

FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY DOCKET NO. 03500.015237.1		APPLICATION NO. Divisional of Application No. 09/818,561		
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) July 30, 2003			APPLICANT MIKIYA UMEYAMA ET AL.			FILING DATE July 30, 2003	
					GROUP 2853		

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,534,898	07/1996	Kashino et al.			
		6,168,254 B1	01/2001	Karita et al.			
		6,017,110	01/2000	Jackson			
		5,548,894	08/1996	Muto			
		5,374,948	12/1994	Saito et al.			
		5,059,973	10/1991	Watanabe			

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	EP	0 564 072 A	10/1993	EPO			In English
	EP	0 352 468 A	01/1990	EPO			In English
	JP	2000-098669	03/2000	Japan			Abstract
	JP	2000-098671	03/2000	Japan			Abstract
	JP	2000-098126	03/2000	Japan			Abstract

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)		

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.
 Include copy of this form with next communication to applicant.
 DWP/tmc

